

**APPENDIX I**

**GRAIN SORGHUM YIELD RESPONSE TO APPLIED N**

**Treatment number, applied N and sorghum grain yields on various soil types used at study-sites over three years 1995, 1996, and 1997.**

Treatment		Soil Types							
No.	Applied N	Pamunkey sl	Conetoe ls	Suffolk fsl	Bojac sl	Wheeling sl	Cecil-Applying complex	Atlee vfsl	Kempsville fls
kg ha <sup>-1</sup>		Year 1995			Year 1996			Year 1997	
		Mg ha <sup>-1</sup>							
1	11	6.8	3.4	4.9	6.5	5.1	7.1	4.1	6.2
2	34	7.4	4.0	5.3	6.5	4.1	9.0	4.7	4.9
3	56	7.6	3.2	6.1	6.7	6.0	9.6	4.4	5.8
4	78	7.6	3.5	6.8	7.2	6.2	9.2	4.2	6.1
5	101	7.5	3.9	7.6	8.0	6.6	10.7	4.4	6.2
6	123	7.3	2.8	8.3	7.7	6.8	9.7	4.4	6.1
7	146	7.6	2.7	8.4	8.2	5.7	9.9	4.3	5.5
8	168	7.7	2.7	8.7	8.7	7.1	11.5	4.7	6.4
9	190	7.7	3.2	8.7	8.3	6.6	9.6	3.8	5.2
10	213	6.8	2.8	9.1	9.5	5.4	8.7	4.0	6.6

\*Grain yields are reported at 140 g kg<sup>-1</sup> moisture.